

APPENDIX G
CONCESSION VESSEL FACT SHEETS

Summary

The seven passenger vessels in the Existing Concessioner's fleet have a no-frills design and are outfitted with basic marine equipment and machinery. The boats were built for short duration trips within one mile of land and have a period appearance appropriate for current services. The specifications of each vessel are presented on the following pages.

The NPS understands that the fleet has been generally well maintained and is in better-than-average condition for its age. The fleet has been maintained by the Existing Concessioner at an extensive and largely self-sufficient repair and maintenance facility with shore-side staff, machinery and tools, and parts and spares inventory. All seven of the boats, including the oldest, *Miss Liberty* (built in 1954) are expected to last at least another 20 years if properly maintained.

MISS CIRCLE LINE, O.N. 295340

Registered Length:	139.7-ft
Registered Breadth:	32.8-ft
Registered Depth:	13-ft
Flag:	USA
Hailing Port:	New York
Builder:	Wiley Manufacturing, Port Deposit, MD
Year Built:	1964
Gross/Net Tons:	369/251
Lightship displacement:	<i>Not listed on Stability Letter</i>
Ballast:	30.2 long tons pig iron (<i>per Stability Letter</i>)
Radio Call Sign:	WU2571
Berthing:	None
Max. No. Passengers:	1,035
Required Crew:	1 Master 3 Deckhands 1 Quartermaster/Deckhand 1 Licensed Engineer

Tankage

Fuel Oil:	7,150 gallons (reported); two (02) fuel oil day tanks, 400 gallons each
Lube Oil:	150 gallons (reported)
Potable Water:	800 gallons (two 400 gallon tanks)
Fresh Wash Water (non-potable):	Unk. (for restroom sinks)
Sewage Holding Tank:	Est. 3,100 gallons

Engineering & Propulsion

Main Propulsion:	Twin Cummins KTA19 six cylinder turbo-charged diesels, air start; keel cooled, each has belt-driven alternator.
Reduction Gears:	Twin Disc Model MG-518, ratio 5.92:1.
Generator Sets:	Two (02), Cummins 6BTA diesels, powering Magnaplas 362 PSL 1604 73 KW gen sets, air start, keel cooled, belt driven alternators.

MISS ELLIS ISLAND, O.N. 974032

Registered Length:	122.9-ft
Registered Breadth:	32.5-ft
Registered Depth:	14-ft
Flag:	USA
Hailing Port:	New York
Builder:	Blount Marine Corp., Warren, RI (Hull 285)
Year Built:	1991
Gross/Net Tons:	93/63
ITC (International Tonnage Convention) Gross/Net Tons:	543/238
Lightship displacement (per Stability Letter)	303.50 long tons
Radio Call Sign:	WAV4107
Berthing:	None
Max. No. Passengers:	799
Required Crew:	1 Master 3 Deckhands 1 Quartermaster/Deckhand

Tankage

Fuel Oil:	4,056 gallons (98%)
Lube Oil:	Est. 120 gallons
Potable Water:	1,415 gallons
Main Holding Tank:	3,696 gallons

Engineering & Propulsion

Main Propulsion:	Twin Cummins KTA19 six cylinder turbo-charged diesels, battery started (four tray boxes with eight (08) 8D batteries); each has belt-driven alternator, keel cooled with surge tank.
Reduction Gears:	Twin Disc Model MG-518, ratio 4.48:1.
Generator Sets:	Two (02), Cummins 6BT diesels, battery started, each has belt-driven alternator, keel cooled, which drive Lima 70 KW AC generators.

MISS FREEDOM, O.N. 582111

Registered Length:	121.6-ft
Registered Breadth:	27-ft
Registered Depth:	8-ft
Flag:	USA
Hailing Port:	New York
Builder:	Blount Marine Corp., Warren, RI (Hull CL-207)
Year Built:	1977
Gross/Net Tons:	98/74
Radio Call Sign:	WYF74436
Berthing:	None
Max. No. Passengers:	564
Required Crew:	1 Master 2 Deckhands 1 Quartermaster/Deckhand

Tankage

Fuel Oil:	3,000 gallons (98%)
Lube Oil:	Est. 120 gallons
Potable Water:	500 gallons
Sewer Sump Tank:	est. 500 gallons (beneath restrooms)
Main Holding Tank:	3,000 gallons

Engineering & Propulsion

Main Propulsion:	Two (02) Detroit V-12 12N71 turbo charged diesels, closed circuit keel cooled, air vents at each end of keel coolers with surge tanks in exhaust trunks.
Reduction Gears:	Twin Disc Model MG-518, ratio 3:1.
Generator Sets:	Two (02) GM 2-71 diesels powering Delco 20 KW AC generators.

MISS GATEWAY, O.N. 647816

Registered Length:	120.9-ft
Registered Breadth:	7.6-ft
Registered Depth:	8-ft
Flag:	USA
Hailing Port:	New York
Builder:	Blount Marine Corp., Warren, RI (Hull CL 241)
Year Built:	1982
Gross/Net Tons:	95/72
Propulsion:	Diesel
AC Power:	208 VAC, 50 amp, 3 phase
DC Power:	24 VDC and 12VDC
Radio Call Sign:	WRB2096
Berthing:	None
Max. No. Passengers:	500
Required Crew:	1 Master 2 Deckhands 1 Quartermaster/Deckhand

Tankage

Fuel Oil:	2,519 gallons (98%)
Lube Oil:	120 gallons
Potable Water:	605 gallons
Sewer Sump Tank:	420 gallons
Main Holding Tank:	4,610 gallons

Engineering & Propulsion

Main Propulsion:	Twin Cummins KTA19 450 HP each (converted KTA 1150M engines) six cylinder turbo-charged diesels, battery started, each has belt-driven alternator; keel cooled.
Reduction Gears:	Twin Disc Model MG-518, ratio 4.48:1.
Generator Sets:	Two (02), International Electric Corp G-7189 3-phase 60 Hz, 20 KW, powered by two-cylinder GM 2-71diesels.

MISS LIBERTY, O.N. 267394

Registered Length:	121.5-ft
Registered Breadth:	32.1-ft
Registered Depth:	11-ft
Flag:	USA
Hailing Port:	New York
Builder:	Blount Marine Corp., Warren, RI
Year Built:	1954
Gross/Net Tons:	98/66
Radio Call Sign:	WL2006
Berthing:	None
Max. No. Passengers:	827
Required Crew:	1 Master 2 Deckhands 1 Quartermaster/Deckhand

Tankage

Fuel Oil:	7,000 gallons reported, plus two (02) 400 gallons each day fuel oil tanks
Lube Oil:	Unk. gallons
Potable Water:	600 gallons
Fresh wash water (non-potable):	Unk. gallons (for restroom sinks)
Main Holding Tank:	Unk. gallons

Engineering & Propulsion

Main Propulsion:	Twin Cummins KTA19 six cylinder 450 HP each turbo-charged diesels, battery started, each has belt-driven AC alternator (rectified to DC/charge starting batteries); sea water heat exchangers. (<i>Note MISS LIBERTY was re-engined in the early 1980's.</i>)
Reduction Gears:	Twin Disc Model MG-518, ratio 4.48:1.
Generator Sets:	Two (02), Detroit 2-71 diesels, with General Motors 20 KW 167 amps DC generators. One (01) Detroit 2-53 with Lima 15 KW AC generator (for hand dryers, fluorescent light fixtures, and concessions).

MISS NEW JERSEY, O.N. 977318

Registered Length:	122.9-ft
Registered Breadth:	32.5-ft
Registered Depth:	14-ft
Flag:	USA
Hailing Port:	New York
Builder:	Blount Marine Corp., Warren, RI (Hull 286)
Year Built:	1991
Gross/Net Tons:	93/63
ITC (International Tonnage Convention) Gross/Net Tons:	543/238
Lightship displacement (per Stability Letter)	302.74 long tons
Radio Call Sign:	WAZ7008
Berthing:	None
Max. No. Passengers:	799
Required Crew:	1 Master 3 Deckhands 1 Quartermaster/Deckhand

Tankage

Fuel Oil:	3,696 gallons (98%)
Lube Oil:	Est. 120 gallons
Potable Water:	1,415 gallons
Main Holding Tank:	3,696 gallons

Engineering & Propulsion

Main Propulsion:	Twin Cummins KTA19 six cylinder turbo-charged diesels, battery started (four tray boxes with eight (08) 8D batteries); each has belt-driven alternator, keel cooled with surge tank.
Reduction Gears:	Twin Disc Model MG-518, ratio 4.48:1.
Generator Sets:	Two (02), Cummins 6BT diesels, battery started, each has belt-driven alternator, keel cooled, which drive Lima 70 KW AC generators.

MISS NEW YORK, O.N. 993370

Registered Length:	122.9-ft
Registered Breadth:	32.5-ft
Registered Depth:	14-ft
Flag:	USA
Hailing Port:	New York
Builder:	Blount Marine Corp., Warren, RI (Hull CL-290)
Year Built:	1993
Gross/Net Tons:	94/63
ITC (International Tonnage Convention) Gross/Net Tons:	534/238
Lightship displacement (per Stability Letter)	308.84 long tons
Radio Call Sign:	WBW8480
Berthing:	None
Max. No. Passengers:	799
Required Crew:	1 Master 3 Deckhands 1 Quartermaster/Deckhand

Tankage

Fuel Oil:	4,056 gallons (98%)
Lube Oil:	Est. 120 gallons
Potable Water:	1,415 gallons
Main Holding Tank:	3,696 gallons

Engineering & Propulsion

Main Propulsion:	Twin Cummins KTA19 six cylinder turbo-charged diesels, battery started (four tray boxes with eight (08) 8D batteries); each has belt-driven alternator, keel cooled with surge tank.
Reduction Gears:	Twin Disc Model MG-518, ratio 4.48:1.
Tailshafts/props	5-inch tailshaft, three-bladed 58" dia x 48" pitch stainless steel props.
Generator Sets:	Two (02), Cummins 6BT diesels, battery started, each has belt-driven alternator, keel cooled, which drive Lima 70 KW AC generators.